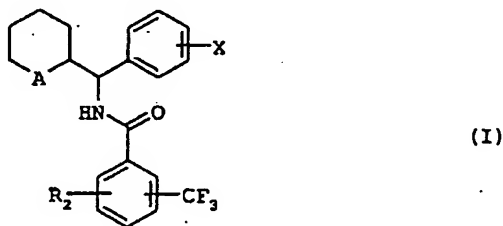


Amendment Pursuant to 37 C.F.R. § 1.121

IN THE CLAIMS:

The claims set forth below with amendments as indicated will replace all prior versions and listing of claims in the application.

1. (previously presented) A compound in the form of an enantiomer (1*R*,2*R*) or (1*S*,2*S*) or in the form of a threo diastereoisomer, corresponding to general formula (I)



in which A represents

a group of general formula $N-R_1$, a group of general formula $N^+(O^-)R_1$ or a group of general formula $N^+(R')R_1$, and in which R_1 represents either a hydrogen atom, or a linear or branched (C_1 - C_7)alkyl group optionally substituted with one or more fluorine atoms, or a (C_4 - C_7)cycloalkyl group, or a (C_3 - C_7)cycloalkyl(C_1 - C_3)alkyl group, or a phenyl(C_1 - C_3)alkyl group optionally substituted with one or two hydroxyl or methoxy groups, or a (C_2 - C_4)alkenyl group, or a (C_2 - C_4)alkynyl group,

R' represents a linear or branched (C_1 - C_7)alkyl group,

X represents a hydrogen atom or one or more substituents chosen from halogen atoms and trifluoromethyl, linear or branched (C_1 - C_4)alkyl and (C_1 - C_4)alkoxy groups,

R_2 represents either a hydrogen atom, or one or more substituents chosen from halogen atoms and trifluoromethyl, (C_1 - C_4)alkyl or (C_1 - C_4)alkoxy groups, or amino groups of general formula NR_3R_4 in which R_3 and R_4 each represent, independently of each other, a hydrogen atom or a (C_1 - C_4)alkyl group, or form with the nitrogen atom carrying them a pyrrolidine, piperidine or morpholine ring, or a phenyl group optionally substituted with an atom or a group as defined for the symbol X above,

NE/I
J.K. ent
cc. 12/21/06
Correction

in the form of a free base or of an addition salt with an acid.

2. (previously presented) A compound according to Claim 1 wherein it has the configuration (1*S*,2*S*) and in that R₂ represents one or more halogen atoms or trifluoromethyl groups.
3. (previously presented) A compound according to Claim 1 wherein it has the configuration (1*R*,2*R*) and in that R₂ represents a halogen atom and an amino group of general formula NR₃R₄ as defined in Claim 1.
4. (cancelled)
- 11 ~~5.~~ (previously presented) A pharmaceutical composition comprising a compound according to Claim 1 combined with an excipient.
6. (original) 2-Chloro-*N*-[(*S*)-phenyl-[(2*S*)-piperidin-2-yl]methyl]-3-(trifluoromethyl)benzamide according to claim 1.
7. (original) 2-Chloro-*N*-[(*S*)-phenyl-[(2*S*)-piperidin-2-yl]methyl]-3-(trifluoromethyl)benzamide hydrochloride 1:1 according to claim 6.
- 12 ~~8.~~ (original) A pharmaceutical composition comprising a compound according to Claim 2 combined with an excipient.
- 13 ~~9.~~ (original) A pharmaceutical composition comprising a compound according to Claim 3 combined with an excipient.
- 14 ~~10.~~ (original) A pharmaceutical composition comprising a compound according to Claim 6 combined with an excipient.

15 11. (original) A pharmaceutical composition comprising a compound according to Claim 7 combined with an excipient.

12. - 16. (cancelled)

4 17. (original) A compound according to claim 1 wherein A represents a group of general formula N-R₁ in which R₁ represents either a hydrogen atom, or a linear or branched (C₁-C₇)alkyl group optionally substituted with one or more fluorine atoms and said compound in the form of a free base or of an addition salt with an acid.

5 18. (original) A compound according to claim 1 which is selected from the group consisting of:

- threo-2-chloro-N-[(1-ethylpiperidin-2-yl)phenylmethyl]-3-trifluoromethylbenzamide hydrochloride;
- threo-2-chloro-N-[(1-ethylpiperidin-2-yl)phenylmethyl]-3-trifluoromethylbenzamide;
- 2-chloro-N-[(1S)-[(2S)-1-methylpiperidin-2-yl]phenylmethyl]-3-trifluoromethylbenzamide hydrochloride;
- 2-chloro-N-[(1S)-[(2S)-1-methylpiperidin-2-yl]phenylmethyl]-3-trifluoromethylbenzamide;
- threo-4-amino-3-chloro-N-[(1-methylpiperidin-2-yl)phenylmethyl]-5-trifluoromethylbenzamide hydrochloride;
- threo-4-amino-3-chloro-N-[(1-methylpiperidin-2-yl)phenylmethyl]-5-trifluoromethylbenzamide;
- 4-amino-3-chloro-N-[(1R)-[(2R)-1-methylpiperidin-2-yl]phenylmethyl]-5-trifluoromethylbenzamide hydrochloride;

Application Ser. No.: 10/511,886
Filing Date: October 19, 2004
Examiner: Balls, Robert J.

- 4-amino-3-chloro-*N*-[(1*R*)-[(2*R*)-1-methylpiperidin-2-yl]phenylmethyl]-5-trifluoromethylbenzamide;
- threo-2-chloro-*N*-[phenyl(piperidin-2-yl)methyl]-3-trifluoromethylbenzamide hydrochloride;
- threo-2-chloro-*N*-[phenyl(piperidin-2-yl)methyl]-3-trifluoromethylbenzamide;
- 2-chloro-*N*-[(*S*)-phenyl-[(2*S*)-piperidin-2-yl]methyl]-3-(trifluoromethyl)benzamide hydrochloride;
- 2-chloro-*N*-[(*S*)-phenyl-[(2*S*)-piperidin-2-yl]methyl]-3-(trifluoromethyl)benzamide;
- 2-chloro-*N*-[[1-methyl-1-oxido-piperidin-2-yl](phenyl)methyl]-3-trifluoromethylbenzamide; and
- 2(*S*)-2[(1*S*)-[[2-chloro-3-(trifluoromethyl)benzoyl]amino](phenyl)methyl]-1,1-dimethylpiperidinium iodide or
a pharmaceutically acceptable salt thereof.

8 19. (original) 2-chloro-*N*-[(1*S*)-[(2*S*)-1-methylpiperidin-2-yl]phenylmethyl]-3-trifluoromethylbenzamide according to claim 1.

9 20. (original) 2-chloro-*N*-[(1*S*)-[(2*S*)-1-methylpiperidin-2-yl]phenylmethyl]-3-trifluoromethylbenzamide hydrochloride 1:1 according to claim 1.

10 21. (original) 4-amino-3-chloro-*N*-[(1*R*)-[(2*R*)-1-methylpiperidin-2-yl]phenylmethyl]-5-trifluoromethylbenzamide hydrochloride 1:1 according to claim 1.

116 15 22. (original) A pharmaceutical composition comprising a compound according to Claim 18 combined with an excipient.

5

17 16 23. (original) A pharmaceutical composition comprising a compound according to Claim 19⁸ combined with an excipient.

18 17 24. (original) A pharmaceutical composition comprising a compound according to Claim 20⁹ combined with an excipient.

19 18 25. (original) A pharmaceutical composition comprising a compound according to Claim 21¹⁰ combined with an excipient.

26. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 1.

27. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 2.

28. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 6.

29. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 7.

30. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 17.

31. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 18.

32. (currently amended) A method for the treatment of a ~~disorder associated with glyt1 glycine transporter~~ disorder selected from the group consisting of dementia, psychoses, schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks, depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising administering to a patient in need of said treatment an effective amount of a compound according to Claim 19.

33. (currently amended) A method for the treatment of a ~~disorder associated with glyt1~~
~~glycine transporter~~ disorder selected from the group consisting of dementia, psychoses,
schizophrenia, extrapyramidal symptoms induced by neuroleptics, anxiety, panic attacks,
depression, obsessive compulsive disorder, alcohol abuse and migraine, comprising
administering to a patient in need of said treatment an effective amount of a compound
according to Claim 20.

34. (currently amended) A method for the treatment of a ~~disorder associated with glyt2~~
~~glycine transporter~~ disorder selected from the group consisting of painful muscular
contractures in rheumatology, spinal pathology, pain including neurogenic pain,
rebellious algia, Parkinson's disease, epilepsy and sleep apnea, comprising administering
to a patient in need of said treatment an effective amount of a compound according to
Claim 1.

35. (currently amended) A method for the treatment of a ~~disorder associated with glyt2~~
~~glycine transporter~~ disorder selected from the group consisting of painful muscular
contractures in rheumatology, spinal pathology, pain including neurogenic pain,
rebellious algia, Parkinson's disease, epilepsy and sleep apnea, comprising administering
to a patient in need of said treatment an effective amount of a compound according to
Claim 3.

36. (currently amended) A method for the treatment of a ~~disorder associated with glyt2~~
~~glycine transporter~~ disorder selected from the group consisting of painful muscular
contractures in rheumatology, spinal pathology, pain including neurogenic pain,
rebellious algia, Parkinson's disease, epilepsy and sleep apnea, comprising administering
to a patient in need of said treatment an effective amount of a compound according to
Claim 17.

Application Ser. No.: 10/511,886
Filing Date: October 19, 2004
Examiner: Balls, Robert J.

37. (currently amended) A method for the treatment of a ~~disorder associated with glyt2~~
~~glycine transporter~~ disorder selected from the group consisting of painful muscular
contractures in rheumatology, spinal pathology, pain including neurogenic pain,
rebellious algia, Parkinson's disease, epilepsy and sleep apnea, comprising administering
to a patient in need of said treatment an effective amount of a compound according to
Claim 18.

38. (currently amended) A method for the treatment of a ~~disorder associated with glyt2~~
~~glycine transporter~~ disorder selected from the group consisting of painful muscular
contractures in rheumatology, spinal pathology, pain including neurogenic pain,
rebellious algia, Parkinson's disease, epilepsy and sleep apnea, comprising administering
to a patient in need of said treatment an effective amount of a compound according to
Claim 21.